

MINISTRY OF SCIENCE, HIGHER EDUCATION AND INNOVATION OF THE  
KYRGYZ REPUBLIC

ASIAN INTERNATIONAL UNIVERSITY NAMED AFTER SATKYNBAI TENTISHEV

**AGREED**

Vice-Rector for Quality of Education and  
Labor Discipline  
Edigeev Zh.A.

*[Signature]*  
"30" 10 2025

**APPROVED**

by the decision of  
the Academic Council of AIU

Protocol № 2

dated "30" 10 2025

Rector of AIU named after S. Tentishev  
Honored Doctor of the Kyrgyz Republic,  
Doctor of Medical Sciences, Professor  
Selpiev T.T.



**QUALITY MANAGEMENT SYSTEM**

**REGULATION ON STUDENT SCIENTIFIC RESEARCH WORK AND STUDENT  
SCIENTIFIC CIRCLES**

**QMS – SRW – 1 – 2025**

**AGREED**

Vice-Rector for Academic and Scientific Work,  
PhD, Associate Professor Choguldurov M.D.

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"30" 10 2025

Head of Educational and Methodological Department  
Sulaimanova Zh.B.

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Head of Science Department, PhD  
Ashyrbekova A.S.

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**COMPILED BY**

QMS Specialist at the Quality of Education  
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Kant – 2025

## **1. General provisions**

1.1. Student scientific research work is a mandatory and integral part of training of specialists in AIU named after S. Tentishev (AIU) and is included in the number of main tasks of the institute solved on the basis of unity of the educational and scientific processes. Student scientific research work serves formation of them as creative personalities capable of reasonably and effectively solving arising theoretical and applied problems.

1.2. This Regulation is developed in accordance with the following normative documents:

- Law of the Kyrgyz Republic "On Education"
- National strategy of sustainable development of the Kyrgyz Republic for the period 2018-2040 years approved by the Decree of the President of the Kyrgyz Republic dated October 31, 2018 No. 221
- Strategy of development of education in the Kyrgyz Republic for 2021-2040 years adopted by the Resolution of the Government of the Kyrgyz Republic
- Concept on transformation of higher professional education into the model "University - 4.0" approved by the order of the Ministry of Education and Science of the Kyrgyz Republic dated October 31, 2023 No. 5298/1
- State educational standard of higher professional education / secondary professional education
- Charter of AIU named after S. Tentishev
- and other normative legal acts regulating scientific research activity of AIU

## **2. Goal and objectives of student scientific research work**

### **2.1. Goal of student scientific research work**

The main goal of organization and development of the system of student scientific research work is increase of the level of scientific and professional training of students, development of their research, analytical and innovative competencies, formation in students of skills of scientific search, critical thinking and creative approach to solving professional tasks, as well as training of competitive specialists capable of effectively carrying out scientific, professional and innovative activity in conditions of modern society and knowledge economy.

Student scientific research work is directed to implementation of principles of integration of education, science and innovations, development of human capital and support of talented youth in accordance with priorities of development of science and education of the Kyrgyz Republic.

### **2.2. Main objectives of student scientific research work**

The main objectives of organization and development of the system of student scientific research work are:

- ensuring integration of the educational process and scientific research activity of students;
- formation in students of scientific worldview, research culture and skills of independent scientific work;
- development in students of ability to analytical thinking, scientific search and justification of solutions of professional tasks;
- involvement of students in carrying out fundamental, applied, exploratory and interdisciplinary scientific research;
- formation in future specialists of skills of application of scientific methods in professional activity;
- development of innovative and entrepreneurial thinking of students in accordance with the concept of development of higher education "University 4.0";
- assistance to participation of students in scientific projects, grants, scientific-practical conferences, competitions of scientific works, olympiads and other scientific events of various level;
- development of publication activity of students, preparation of scientific articles, theses of reports and other scientific publications;
- identification and support of talented youth oriented to scientific and pedagogical activity;

- preparation of students for continuation of study in master's degree, postgraduate study and participation in scientific research activity;
- development of international scientific cooperation of students, participation of students in international scientific events, programs of academic mobility and joint scientific projects;
- ensuring participation of students in scientific research activity directed to solving actual tasks of development of society, medicine, science and technologies;
- creation of conditions for formation in students of skills of implementation of results of scientific research into practical activity.

### **3. Main directions of organization of student scientific research work at departments of AIU**

#### **3.1. As main directions of organization of student scientific research work:**

- participation of students in carrying out applied, methodological, exploratory and fundamental scientific research;
- development in students of abilities to independent scientifically grounded judgments and conclusions;
- providing students with opportunity in the process of study to test their abilities in various directions of modern science;
- improvement of quality of the educational process at the expense of joint participation of students and teachers in execution of various scientific research works;
- activation of participation of teaching staff and scientific workers of AIU in organization and supervision of student scientific research work.

#### **3.1. Principles of organization of student scientific research work** Organization of student scientific research work in AIU is carried out on the basis of the following principles:

- integration of education and science - ensuring interrelation of the educational process and scientific research activity of students;
- student-centeredness - creation of conditions for disclosure of scientific and creative potential of each student;
- continuity of scientific development - consecutive formation of research competencies of students during the entire period of study;
- academic integrity - compliance with norms of scientific ethics, non-admission of plagiarism and other violations of academic integrity;
- innovativeness - development in students of ability to generation of new ideas, implementation of innovative solutions and participation in scientific-technological projects;
- practice orientation - orientation of scientific research of students to solving actual tasks of professional activity and needs of society;
- interdisciplinarity - development of scientific research at the junction of various scientific directions;
- openness and cooperation - development of scientific interaction of students with scientific organizations, educational institutions and international partners.

#### **3.2. System of stimulation of scientific research activity of students** For the purpose of increasing motivation of students to scientific activity in AIU the following measures of stimulation may be applied:

- encouragement of students actively participating in scientific work by letters of gratitude, certificates and diplomas;
- nomination of students for named scholarships, grants and other types of material encouragement;
- accounting of results of scientific research activity of students when assigning academic and increased scholarships;
- provision of opportunity of participation in scientific internships, conferences, olympiads and competitions of scientific works;

- publication of scientific works of students in scientific journals, collections of conferences and other scientific editions;
- involvement of students in participation in scientific projects and grants of the University;
- recommendation of students who have shown abilities to scientific activity for continuation of study in master's degree and postgraduate study.

3.4. Indicators of effectiveness of student scientific research work  
Evaluation of effectiveness of organization of student scientific research work is carried out on the basis of the following indicators:

- number of students participating in scientific research activity;
- number of student scientific circles functioning at departments;
- number of scientific publications of students;
- number of reports of students at scientific conferences of various level;
- participation of students in scientific competitions, olympiads and scientific projects;
- number of prize places received by students at scientific events;
- participation of students in international scientific events;
- number of scientific supervisors from among teaching staff carrying out supervision of student scientific research work.

3.4. Monitoring and evaluation of effectiveness of student scientific research work  
Monitoring of organization of student scientific research work is carried out for the purpose of analysis of effectiveness of scientific activity of students and improvement of the system of student scientific research work.

Monitoring includes:

- annual analysis of activity of student scientific circles;
- analysis of participation of students in scientific conferences, competitions and olympiads;
- analysis of publication activity of students;
- evaluation of effectiveness of scientific supervision from the side of teaching staff;
- analysis of proposals of students on improvement of scientific activity;
- preparation of annual report on results of student scientific research work.

Results of monitoring are used for improvement of the system of student scientific research activity, increase of quality of training of specialists and development of scientific potential of the University.

#### **4. Types, forms and methods of organization of student scientific research work of AIU**

4.1. For ensuring systematic solution of problems of planning, organization and stimulation of student scientific research work it is necessary, first of all, to выделить its main types. Depending on content and procedure of implementation of the entire diversity of classes, works and events of student scientific research work, by their relation to the educational process, mastering of educational programs of higher professional education it may be classified by the following main types:

- student scientific research work integrated into the educational process;
- student scientific research work supplementing the educational process;
- student scientific research work parallel to the educational process.

4.2. The main, most effective organizational forms of student scientific research work carried out in AIU are:

- individual student scientific research work, that is participation of students in development of a certain problem under the supervision of a specific scientific supervisor from among teaching staff;
- execution of scientific research work during practices;
- preparation of a scientific abstract on a given topic;
- student scientific circles;
- involvement of students in execution of scientific research projects, participation of students in student scientific organizational-mass and competitive events of various level (intra-

university, inter-university and international), stimulating development both of the system of student scientific research work and creativity of each student.

To them relate: scientific seminars, conferences, symposiums, reviews/competitions of scientific and educational research works of students, olympiads in disciplines and specialties.

4.3. The complex system of student scientific research work must ensure continuous participation of students in scientific work during the entire period of study. An important principle of the complex system of student scientific research work is continuity of its methods and forms from year to year, from department to department, from one academic discipline to another, from one types of academic classes and assignments to others. At the same time it is necessary that complexity and volume of knowledge, skills and abilities acquired by students in the process of performed by them scientific work increase gradually.

4.4. In the 1st and 2nd year the goal and main content of all work must be formation in students during general scientific training of перспективные skills, abilities and acquisition of the simplest knowledge necessary for execution of scientific work, training in basics of independent work, development of non-standard thinking. Here abstract work and scientific research within the framework of laboratory works may be useful.

4.5. In the 3rd year, during special training, execution of small independent research and assignments of creative character, formation of special research skills, deepening of knowledge of methods, methodologies, technical means of carrying out research and processing of results occurs. At this stage participation in intra-university conferences, competitions of scientific works must become mandatory. Tasks and forms of scientific research work become more complex, their volume increases. Work acquires more and more clearly expressed creative character.

4.6. In the 4th and, especially, in the 5th and 6th years further formation, consolidation and improvement of knowledge, skills and abilities, development of creative thinking and approach to solving specific tasks, ability to independently make and implement decisions, use of obtained knowledge in practice must occur mainly in the process of independent scientific research work of students according to an individual assignment. Therefore it is necessary to have in one's asset participation in conferences, competitions of all levels, carrying out scientific research under the supervision of teachers.

Student scientific research work is completed by mandatory presentation of a report, presentation at a meeting of the circle, conference, writing of course work and etc.

## 5. Student scientific circle of AIU

5.1. Student scientific circle - an association created on the initiative of students and representatives of teaching staff of the institute who united for implementation of common goals specified in this Regulation.

5.2. Student scientific circle is created at a department of the institute and functions in non-academic time during the academic year. By agreement with the Vice-Rector for academic and scientific work at a department several student scientific circles may be created. Seminar, practical and other classes conducted within the framework of the educational process do not relate to forms of conducting student scientific circle.

5.3. For accounting of activity of student scientific circle its documentation formalization is required in the form of a written decision of the head of department on its creation with indication of its subject, approved scientific supervisor of student scientific circle, annual plan of work of student scientific circle, protocols of meetings approved by the head of department, annual report on activity of student scientific circle.

5.4. Student scientific circle is created for the purpose of involvement of students in scientific research work as the most important component of the system of training of modern highly qualified specialists.

5.5. Forms of activity of student scientific circle are:

- preparation of student scientific reports, presentation with them at meetings of student scientific circle, scientific conferences, round tables and other scientific forums of various level;
  - preparation of students for participation in competitions of student scientific research works, subject olympiads.
- 5.6. Meetings of student scientific circle may be conducted in various organizational forms (dispute, report and others), but usually are devoted to training of members of student scientific circle in basics of methodology of conducting scientific research, hearing of reports and discussion of results of scientific work of members of student scientific circle carried out for the period passed since the moment of the last meeting, planning of further scientific activity of members of student scientific circle, preparation of participation of members of student scientific circle in events of scientific character of various level and etc. After completion of the meeting a protocol of meeting of student scientific circle is drawn up.
- 5.7. Composition of student scientific circle includes:
- scientific supervisor (supervisors) of student scientific circle who is an employee (employees) of the department at which student scientific circle is created;
  - chairman of student scientific circle who is a student - member of student scientific circle elected to this position at a meeting of student scientific circle;
  - members of student scientific circle who are students who have expressed in free form desire to participate in scientific research activity on the subject of student scientific circle.
- 5.8. Scientific supervisor of student scientific circle is obliged:
- to involve students in activity of student scientific circle;
  - to carry out scientific supervision of activity of student scientific circle and its members;
  - to inform members of student scientific circle about events of scientific character in which students may participate and to ensure their participation;
  - to organize and conduct meetings of scientific student scientific circle;
  - to maintain a folder of student scientific circle at the department;
  - to control maintaining of protocols of student scientific circle;
  - for accounting of scientific supervision of student scientific circle to present in approved form a report on activity of student scientific circle not later than May 31 of the corresponding year.
- 5.9. Scientific supervisor of student scientific circle has the right:
- to receive information about events of scientific character in which students may participate;
  - to involve teachers of the department in work of student scientific circle;
  - to participate in supervision of a section of a scientific-practical conference of students on the subject of student scientific circle;
  - to represent student scientific circle in relations with the institute and its structural subdivisions.
- 5.10. Chairman of student scientific circle is obliged:
- to involve students in members of student scientific circle;
  - to inform members of student scientific circle about events of scientific character in which students may participate and to organize their participation;
  - to organize meetings of student scientific circle;
  - to maintain protocols of student scientific circle.
- 5.11. Chairman of student scientific circle has the right:
- to receive information about events of scientific character in which students may participate;
  - to participate in supervision of a section as a secretary of a scientific-practical conference of students on the subject of student scientific circle;
  - to represent student scientific circle in relations with the Student Scientific Society of the institute and its structural subdivisions.

5.12. Members of student scientific circle are obliged to constantly attend meetings of student scientific circle (attendance level not less than 50 percent) and actively participate in its work.

5.13. Members of student scientific circle have the right:

- to receive information about events of scientific character in which they may participate;
- to participate in work of several student scientific circles, to transfer from one student scientific circle to another at their own desire;
- under the supervision of the scientific supervisor of student scientific circle to prepare reports, presentations and other scientific research works, to present with them at events of scientific character;
- to publish results of their scientific activity in the form of scientific articles (theses) in printed editions of various level.

## **6. Procedure for storage and introduction of amendments into the Regulation**

6.1. Revision of the Regulation is carried out as necessary, but not less than once every three years. The Regulation may be revised for the purpose of introduction of amendments of operational character:

- in case of change of normative and legislative documents and normative acts regulating educational activity in the Kyrgyz Republic;
- in case of change of the Charter of AIU, Mission, Policy and development strategy;
- revision of requirements of educational programs;
- in case of change of organizational structure;
- in case of change of staffing table;
- in case of redistribution of functions between subdivisions and officials;
- within the framework of recommendations based on results of international institutional or program accreditation.

6.2. Introduction of amendments into approved regulations is carried out by their developer by means of development of a new document and its agreement and approval in the established procedure.

6.3. Approval of a new version of the Regulation is the basis for withdrawal of previous documents that have lost force.

6.4. The original of the Regulation is stored in the QMS department at EQLDD.

6.5. Copies of the new Regulation are reproduced by the EQLD department, distribution among corresponding structural subdivisions is assigned to EQLDD, the head of the structural subdivision bears responsibility for familiarization of his employees with the new version of the Regulation, responsibility for replacement of the old Regulation on the AIU website with the new Regulation is also borne by EQLDD and the employee of the department of system and software support.

**APPROXIMATE WORK PLAN  
of student scientific circle**

Name of department

Name of circle

(academic year)

Date of organization of student scientific circle: \_\_\_\_\_

Scientific supervisor(s) of student scientific circle: \_\_\_\_\_

Full name completely, position, academic degree, title, mobile phone, e-mail

**Members of student scientific circle:**

No.	Full name of student (completely)	Group number, year	Mobile phone	E-mail
1				
2				
...				

**Meetings:**

No.	Approximate date of meeting	Topic of meeting
1		
2		
...		

Scientific supervisor(s) of student scientific circle: \_\_\_\_\_ / \_\_\_\_\_ /

signature, full name

**PROTOCOL OF MEETING**

No. \_\_\_\_\_ dated \_\_\_\_\_  
of student scientific circle  
Name of department  
Name of circle  
(academic year)

Date of organization of student scientific circle: \_\_\_\_\_

Scientific supervisor(s): \_\_\_\_\_

Full name completely, position, academic degree, title, mobile phone, e-mail

Chairman of student scientific circle: \_\_\_\_\_

Full name completely, mobile phone, e-mail

**Members present:**

No.	Full name of student (completely)	Group number, year	Mobile phone	E-mail
1				
2				
...				

**Content of meeting of the circle**

(what issues were considered, who spoke, brief content of speeches, what decisions were adopted)

Scientific supervisor(s): \_\_\_\_\_

Chairman of student scientific circle: \_\_\_\_\_ / \_\_\_\_\_ /

signature, full name

**REPORT ON ACTIVITY  
of student scientific circle**

Name of department

Name of circle

(academic year)

Time of functioning of student scientific circle: \_\_\_\_\_  
(date of first and last meeting)

Scientific supervisor(s): \_\_\_\_\_

Full name completely, position, academic degree, title, mobile phone, e-mail

Chairman: \_\_\_\_\_

Full name completely, mobile phone, e-mail

**Members of student scientific circle:**

No.	Full name of student (completely)	Group number, year	Mobile phone	E-mail
1				
2				
...				

**Conducted meetings of student scientific circle:**

No.	Date of meeting	Topic of meeting	Brief description of meeting
1			
2			
...			

**List of olympiads, conferences, seminars, webinars and etc. in which members participated:**

No.	Full name of participant	Name of event	Results
1			
...			

**List of publications of members:**

No.	Surname and initials of author	Name of work, its type	Output data
1			
...			

Head of department: \_\_\_\_\_ / \_\_\_\_\_ /  
signature, full name

Scientific supervisor(s): \_\_\_\_\_ / \_\_\_\_\_ /  
signature, full name